



Item no: 0101436

Suction cup B30-2 Silicone, 1/8" NPSF female, with mesh filter

Several short bellows cups in one lifting device can handle objects with height differences and varying shapes. The bellows also provide a slight lifting movement to separate thin items. Materials used are silicone, conductive silicone, chloroprene, HNBR and nitrile-PVC.

- Suitable for level adjustment. Several short bellows in one lifting device can handle objects with height differences and varying shapes, for example embossed or corrugated plates.
- The lifting movement can be used to separate small and thin objects.
- Only lightweight objects should be handled when the lifting force is parallel to the surface of the object, in order to achieve good precision and safe lifting movement.

General

Item number, alternative	S.B30-2S50.NS18F.01
Application	PlasticInjectionMoldedParts, DrySheetMetal
Suction cup shape	Bellows
Material	Silicone (SIL)
Suction cup model	B
Weight	7 g
Volume	10 cm ³
Suction cup model	B30-2
Movement, vertical max.	14 mm
Curve radius, min.	15 mm



Fitting

Fitting option	Filter mesh
Fitting size	1/8"
Fitting style	Female
Fitting type	NPSF-thread

Dimension

Height	33.5 mm
Outer diameter	34 mm

Performance - lifting forces

	B30-2		
20 -kPa		12 N	9.4 N
60 -kPa		22 N	16.6 N
90 -kPa		27 N	22.2 N

Material

Name	SIL
Colour	Red
Temperature	-40 - 200 °C
Hardness	50 °Shore A

	SIL
Alcohol	++
Concentrated acids	-
Ethanol	n/a
Hydrolysis	+
Methanol	n/a
Oil	-
Oxidation	+++
Petrol	-
Wear resistance	++
Weather and ozone	+++

Dimensional drawings

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Values specified in the data sheet are tested at:

- Room temperature: (20° C [68° F] ± 3° C [5.5° F])
- Standard atmosphere: (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg])
- Relative humidity: 0-100%
- Compressed air quality: DIN ISO 8573-1 class 4

Accessories

3251008	Fitting 1/4" NPT male, with dual flow control valve
3250093	Fitting 1/4" NPT male, with mesh filter
3250005	Fitting 1/8" NPSF female, 30–40
3150197	Fitting 1/8" NPSF female, 30–40, PA
3251006	Fitting 1/8" NPSF female, 30–40, with dual flow control valve
3251010	Fitting 3/8" NPT male, with dual flow control valve
3250089	Fitting 3/8" NPT male, with mesh filter
0100261	Fitting 5x1/8" NPSF female, 30–40
3251011	Fitting 5x1/8" NPSF female, 30–40, with dual flow control valve
3250091	Fitting G1/4" male, 30–40, with mesh filter
3251007	Fitting G1/4" male, 30–40, with mesh filter and dual flow control valve
0200714	Fitting G1/8" male, 40, with mesh filter
3251009	Fitting G3/8" male, 30–40, with mesh and dual flow control valve
3250086	Fitting G3/8" male, 30–40, with mesh filter
0101103	Suction cup B30-2 Chloroprene
0108077	Suction cup B30-2 HNBR
0201148	Filter D=34, HDPE, 20 pcs

Spare parts

0101153	Fitting 1/8" NPSF female, 30–40, with mesh filter
0101104	Suction cup B30-2 Silicone